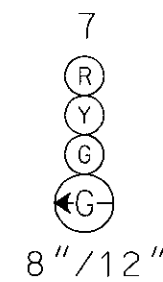
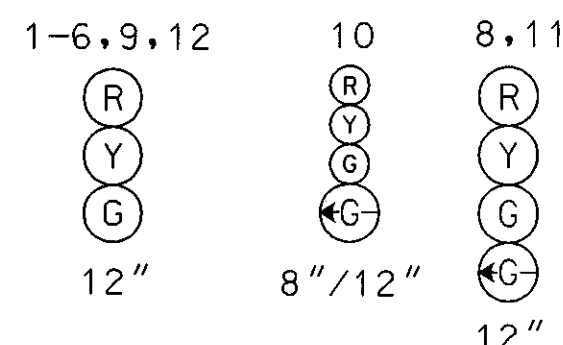


MD 32 IS ASSUMED TO  
RUN IN A NORTH-SOUTH DIRECTION

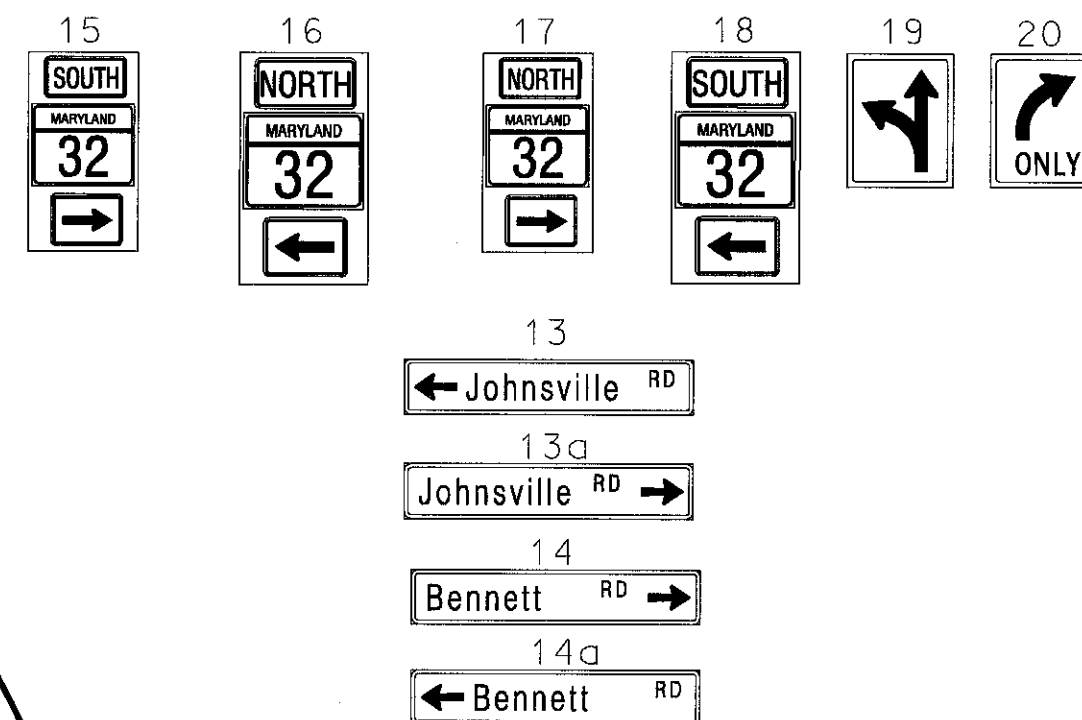
#### EXISTING SIGNAL HEADS TO REMAIN



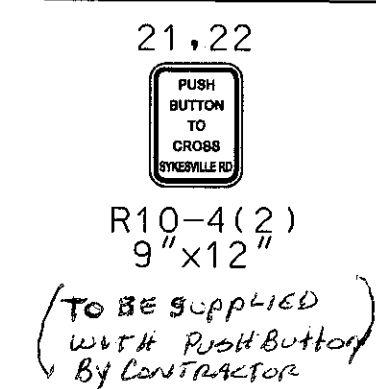
#### PROPOSED SIGNALS HEADS



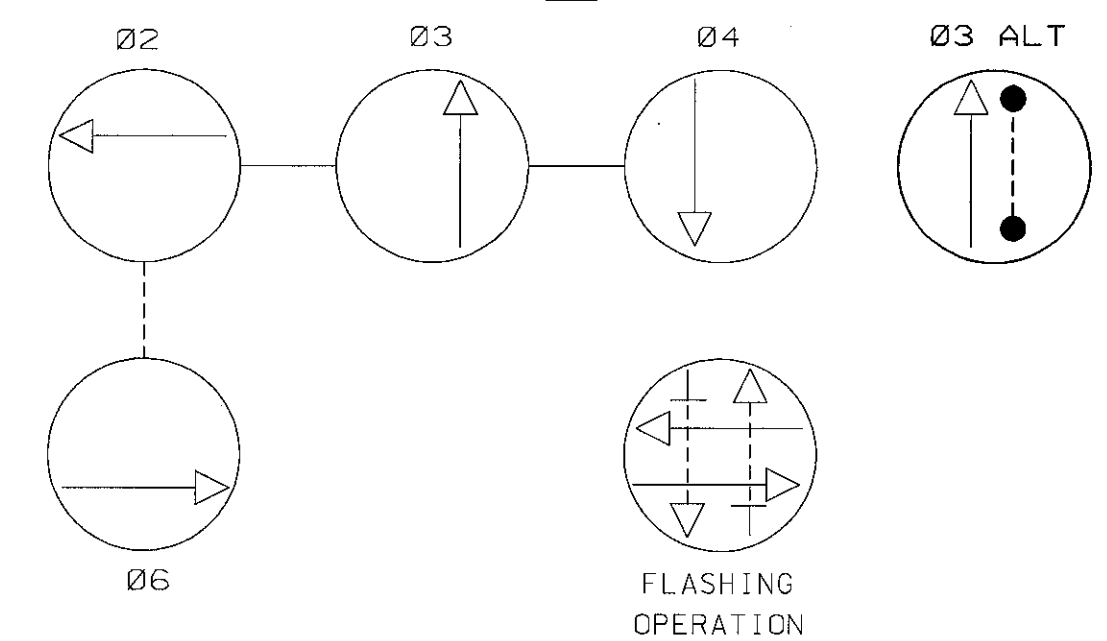
#### EXISTING SIGNS TO REMAIN



#### PROPOSED SIGNS

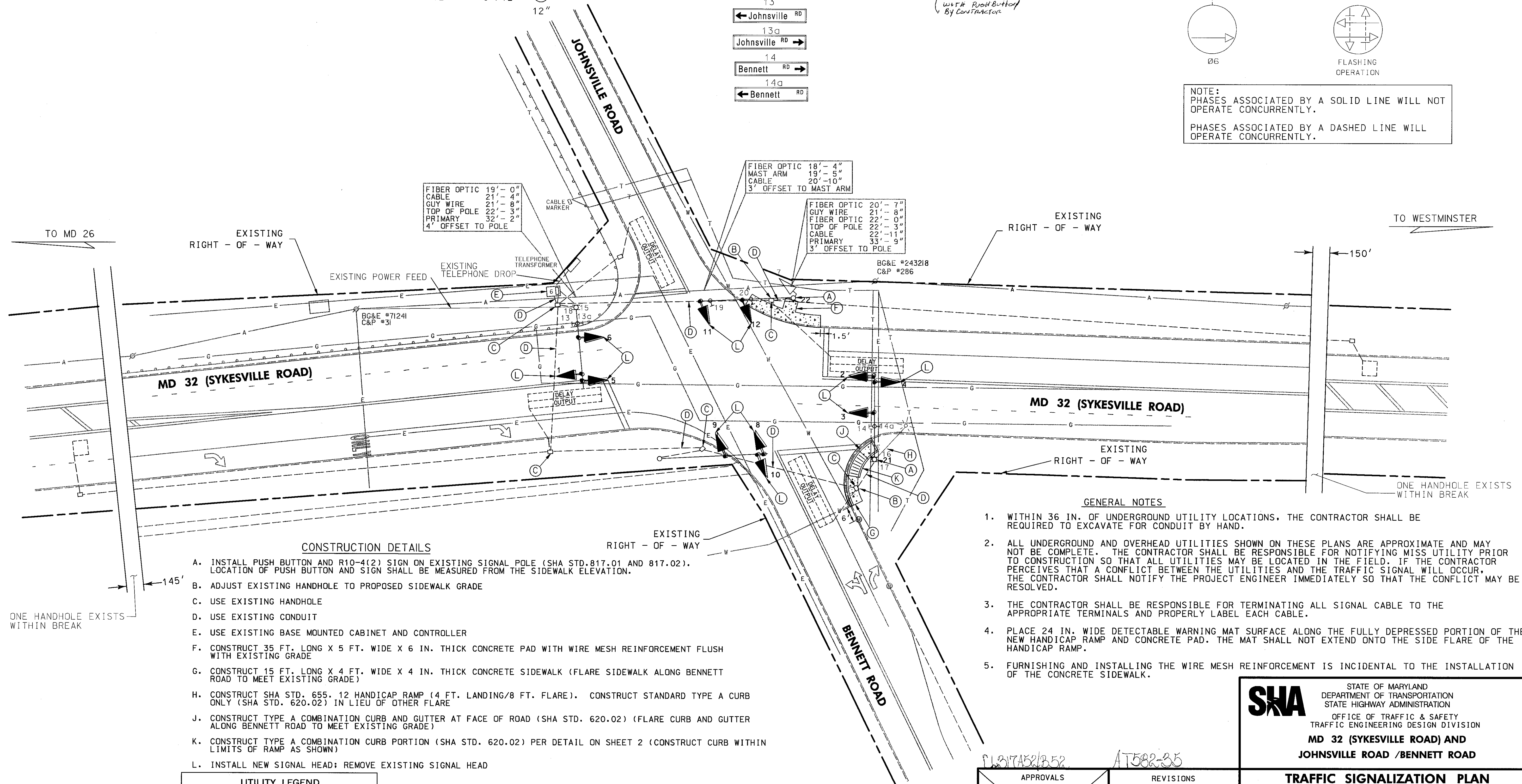


#### NEMA PHASING



NOTE:  
PHASES ASSOCIATED BY A SOLID LINE WILL NOT  
OPERATE CONCURRENTLY.

PHASES ASSOCIATED BY A DASHED LINE WILL  
OPERATE CONCURRENTLY.



#### CONSTRUCTION DETAILS

- INSTALL PUSH BUTTON AND R10-4(2) SIGN ON EXISTING SIGNAL POLE (SHA STD. 817.01 AND 817.02). LOCATION OF PUSH BUTTON AND SIGN SHALL BE MEASURED FROM THE SIDEWALK ELEVATION.
- ADJUST EXISTING HANDHOLE TO PROPOSED SIDEWALK GRADE
- USE EXISTING HANDHOLE
- USE EXISTING CONDUIT
- USE EXISTING BASE MOUNTED CABINET AND CONTROLLER
- CONSTRUCT 35 FT. LONG X 5 FT. WIDE X 6 IN. THICK CONCRETE PAD WITH WIRE MESH REINFORCEMENT FLUSH WITH EXISTING GRADE
- CONSTRUCT 15 FT. LONG X 4 FT. WIDE X 4 IN. THICK CONCRETE SIDEWALK (FLARE SIDEWALK ALONG BENNETT ROAD TO MEET EXISTING GRADE)
- CONSTRUCT SHA STD. 655.12 HANDICAP RAMP (4 FT. LANDING/8 FT. FLARE). CONSTRUCT STANDARD TYPE A CURB ONLY (SHA STD. 620.02) IN LIEU OF OTHER FLARE
- CONSTRUCT TYPE A COMBINATION CURB AND GUTTER AT FACE OF ROAD (SHA STD. 620.02) (FLARE CURB AND GUTTER ALONG BENNETT ROAD TO MEET EXISTING GRADE)
- CONSTRUCT TYPE A COMBINATION CURB PORTION (SHA STD. 620.02) PER DETAIL ON SHEET 2 (CONSTRUCT CURB WITHIN LIMITS OF RAMP AS SHOWN)
- INSTALL NEW SIGNAL HEAD; REMOVE EXISTING SIGNAL HEAD

#### UTILITY LEGEND

SD	SD	STORM DRAIN
G	G	GAS MAIN
W	W	WATER MAIN
S	S	SEWER MAIN
E	E	ELECTRIC CABLES
A	A	AERIAL CABLES
T	T	TELEPHONE CABLES
F	F	FIBER-OPTIC CABLES

#### GENERAL NOTES

- WITHIN 36 IN. OF UNDERGROUND UTILITY LOCATIONS, THE CONTRACTOR SHALL BE REQUIRED TO EXCAVATE FOR CONDUIT BY HAND.
- ALL UNDERGROUND AND OVERHEAD UTILITIES SHOWN ON THESE PLANS ARE APPROXIMATE AND MAY NOT BE COMPLETE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING MISS UTILITY PRIOR TO CONSTRUCTION SO THAT ALL UTILITIES MAY BE LOCATED IN THE FIELD. IF THE CONTRACTOR PERCEIVES THAT A CONFLICT BETWEEN THE UTILITIES AND THE TRAFFIC SIGNAL WILL OCCUR, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IMMEDIATELY SO THAT THE CONFLICT MAY BE RESOLVED.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL SIGNAL CABLE TO THE APPROPRIATE TERMINALS AND PROPERLY LABEL EACH CABLE.
- PLACE 24 IN. WIDE DETECTABLE WARNING MAT SURFACE ALONG THE FULLY DEPRESSED PORTION OF THE NEW HANDICAP RAMP AND CONCRETE PAD. THE MAT SHALL NOT EXTEND ONTO THE SIDE FLARE OF THE HANDICAP RAMP.
- FURNISHING AND INSTALLING THE WIRE MESH REINFORCEMENT IS INCIDENTAL TO THE INSTALLATION OF THE CONCRETE SIDEWALK.

**SHA** STATE OF MARYLAND  
DEPARTMENT OF TRANSPORTATION  
STATE HIGHWAY ADMINISTRATION  
OFFICE OF TRAFFIC & SAFETY  
TRAFFIC ENGINEERING DESIGN DIVISION  
**MD 32 (SYKESVILLE ROAD) AND  
JOHNSVILLE ROAD /BENNETT ROAD**

#### TRAFFIC SIGNALIZATION PLAN

SCALE 1"=20' DATE 5-86 CONTRACT NO.

DESIGNED BY COUNTY CARROLL  
DRAWN BY D. DISTANCE LOGMILE 06003204.23  
CHECKED BY T.I.M.S. NO. G882  
F.A.P. NO. TOD NO.

DRAWING NO. **TS-2183 C** OF SHEET NO. 1 OF 2

APPROVALS
TEAM LEADER
ASST. DIV. CHIEF
DIVISION CHIEF
OFFICE DIRECTOR

REVISIONS
C INSTALL PUSHBUTTONS AND SIDEWALK TO CROSS THE NORTH LEG OF MD 32 CONTRACT# AT58235 4-85
B INSTALL SPLIT PHASING ON JOHNSVILLE/BENNETT ROAD 8-87
NONE
A U.C.B. UPGRADED TO A FULLY-ACTUATED SIGNAL 5-90
DAD

PLOTTED: 04/11/2005  
FILE: I:\PROJECTS\1123\54\MD 32 @ JOHNSVILLE\PSG-P001.MD32.DGN